

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor of:

Timothy B. Cowles, et al.

Serial No.: 09/864,682

Filed: May 24, 2001

For: CIRCUIT AND METHOD FOR TIME-EFFICIENT MEMORY REPAIR (as amended)

§
§ Group Art Unit: 2133
§
§ Examiner: David Ton
§
§ Atty. Docket: 00-0058.01
§
§ Paper No.
§

2133
✓ Bkr

INFORMATION DISCLOSURE STATEMENT

Certificate of Mailing (37 C.F.R. § 1.8)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

12/30/04
Date

Susan Jerome
Signature

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants respectfully request that this Information Disclosure Statement be entered and that the reference listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Per the amendment to 37 CFR 1.98, a copy of the cited U.S. patent is not enclosed.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following reference is disclosed for the Examiner's review:

U.S. Patents

U.S. Patent No.
6,246,618

Issue Date
June 12, 2001

Inventor
Yamamoto, et al.

01/04/2005 SMINASS1 00000002 133092 09864682

01 FC:1806 180.00 DA

This Information Disclosure Statement is being submitted after the mailing of the first Office Action, but before the mailing of a Final Rejection or Notice of Allowance. The Commissioner is authorized to charge the fee set forth in 37 C.F.R § 1.17(p) of \$180 and any additional fees which may be required to Micron Technology Inc. Deposit Account No.13-3092, Order No. 00-0058.01.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicants' undersigned attorney at the number indicated.

* * * *

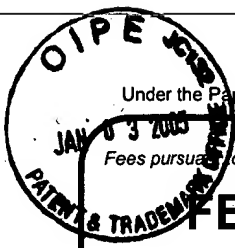
A Form PTO-1449 is enclosed herewith.

Respectfully submitted,



Charles Brantley
Reg. No. 38,086
Micron Technology, Inc.
8000 S. Federal Way
MS 1-525
Boise, ID 83706-9632
(208) 368-4557
ATTORNEY FOR APPLICANTS

Date: 12/29/4



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

| | |
|----------------------|---------------------------|
| Application Number | 09/864,682 |
| Filing Date | May 24, 2001 |
| First Named Inventor | Timothy B. Cowles, et al. |
| Examiner Name | David Ton |
| Art Unit | 2133 |
| Attorney Docket No. | 00-0058.01 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____

☒ Deposit Account Deposit Account Number: 13-3092 Deposit Account Name: Micron Technology, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☐ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|----------------------|-------------|----------------------|------------------|----------------------|----------------|
| | Fee (\$) | Small Entity Fee(\$) | Fee(\$) | Small Entity Fee(\$) | Fee(\$) | Small Entity Fee(\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
| 50 | 25 |

Each independent claim over 30 (including Reissues)

| | |
|-----|-----|
| 200 | 100 |
|-----|-----|

Multiple dependent claims

| | |
|-----|-----|
| 360 | 180 |
|-----|-----|

Total Claims

Extra Claims

Fee(\$)

Fee Paid (\$)

77 - 108 or HP = 0 x 0 = _____

Fee (\$)

Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims

Extra Claims

Fee(\$)

Fee Paid (\$)

18 - 24 or HP = 0 x 0 = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|---------------|--|----------|---------------|
| _____ | - 100 = _____ | / 50 = _____ (round up to a whole number) x | | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Information Disclosure Statement

Fees Paid (\$)

180

SUBMITTED BY

| | | | | | |
|-------------------|------------------|--------------------------------------|--------|-----------|--------------|
| Signature | Charles Brantley | Registration No. (Attorney/Agent) | 38,086 | Telephone | 208-368-4557 |
| Name (Print/Type) | Charles Brantley | | | Date | 12/29/14 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

FORM: PTO-14
(REV: 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAtty Docket No:
00-0058.01Serial No:
09/864,682

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant:
Timothy B. Cowles, et al.Filing Date: May 24, 2001
Group: 2133

(37 CFR 1.98(b))

(use several sheets if necessary)

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | |
|---------------------|--------------------|-----------|------------|------------------|----------|-----|
| | AA | 6,246,618 | 06/12/2001 | Yamamoto, et al. | 365 | 200 |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
| | AE | | | | | |
| | AF | | | | | |
| | AG | | | | | |
| | AH | | | | | |
| | AI | | | | | |
| | AJ | | | | | |
| | AK | | | | | |
| | AL | | | | | |
| | AM | | | | | |
| | AN | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
|---------------------|--------------------|------|---------|-------|----------|--------------------------|--------------------------|
| | AO | | | | | Yes | No |
| | AP | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AQ | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

Initial

OTHER ART (including author, title, date, pertinent pages, etc.)

| | | | |
|--|----|--|--|
| | AR | | |
| | AS | | |
| | AT | | |

Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.